






**Improvements in dust collection.**

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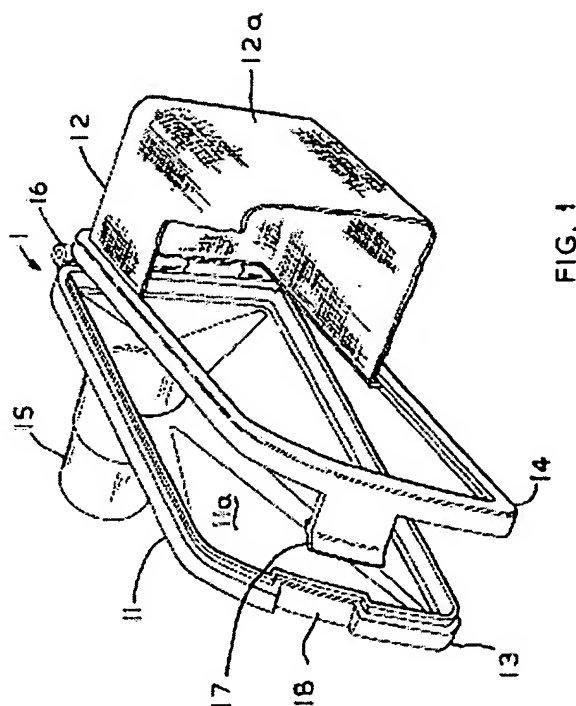
 US5349752 (A1)

**Cited documents:**

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**Abstract of EP0558253**

A dust collection bag 1 for a power tool comprises a box-like container 10 which is separable into two parts 11, 12 along a plane of the box-like container and the interfitting portions 13, 14 of the two parts are rigid. One part 11 which is suitably a rigid plastics moulding has means 15 for connecting the container to the power tool outlet and the other part 12 has at least part of its wall surface formed of filter material 12a. The parts 11, 12 may be hinged together 16 and have connection means 17, 18 for releasably connecting them to close the container (Figure 1).

**FIG. 1**

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(54) Improvements in dust collection.

(57) A dust collection bag 1 for a power tool comprises a box-like container 10 which is separable into two parts 11, 12 along a plane of the box-like container and the interfitting portions 13, 14 of the two parts are rigid. One part 11 which is suitably a rigid plastics moulding has means 15 for connecting the container to the power tool outlet and the other part 12 has at least part of its wall surface formed of filter material 12a. The parts 11, 12 may be hinged together 16 and have connection means 17, 18 for releasably connecting them to close the container (Figure 1).

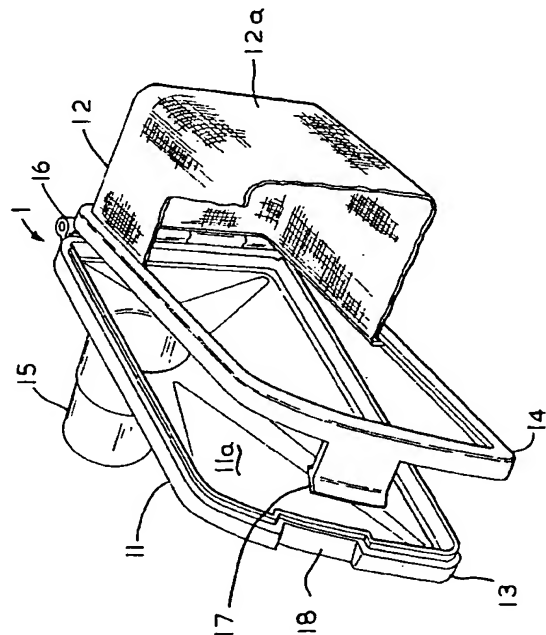


FIG. 1

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while the bag illustrated has a hinged section between the parts it should be understood that the parts may be releasably connected in other ways such as by being a press fit or snap fit together.

or snap fit together.

In the embodiment illustrated only the second part incorporates filter material. It will be understood, however, that while the first part should best be rigid it may incorporate filter material.

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## Claims

1. A dust collection bag for a power tool having a dust outlet, comprising a box-like container separable into two parts along a plane of said container, the interfitting portions of the two parts being rigid, one part having means for connecting the container to a said power tool dust outlet and the other part having at least part of its wall surface formed of filter material, releasable connection means being provided on the two parts. 15
2. A dust collection box according to Claim 1, in which the interfitting portions comprise rigid band-like parts. 20
3. A dust collection box according to Claim 2, in which said one part comprises a rigid moulding of plastics material having a tubular inlet for attachment to a power tool dust outlet. 25
4. A dust collection box according to Claim 2 or 3, in which said other part comprises a rigid frame element supporting a fabric bag. 30
5. A dust collection bag according to Claim 1, in which said first part comprises a rigid moulding of plastics material having an integral tubular inlet for attachment to a said power tool dust outlet and including a band-like portion defining the interfitting portion thereof, and said other part includes a band-like frame element supporting a fabric bag which is hinged to the band-like portion of the one part at one side with interengaging clip means being provided on the interfitting portions at the side opposite the hinge. 35
6. A dust collection bag according to any preceding claim, in which the container is generally rectangular in cross section and is divided along a major plane thereof. 40
7. A dust collection bag according to any of Claims 1 to 4, in which the two parts are hinged together at one side. 45
8. A dust collection bag according to any one of Claims 1 to 4, in which the two parts are a press 50

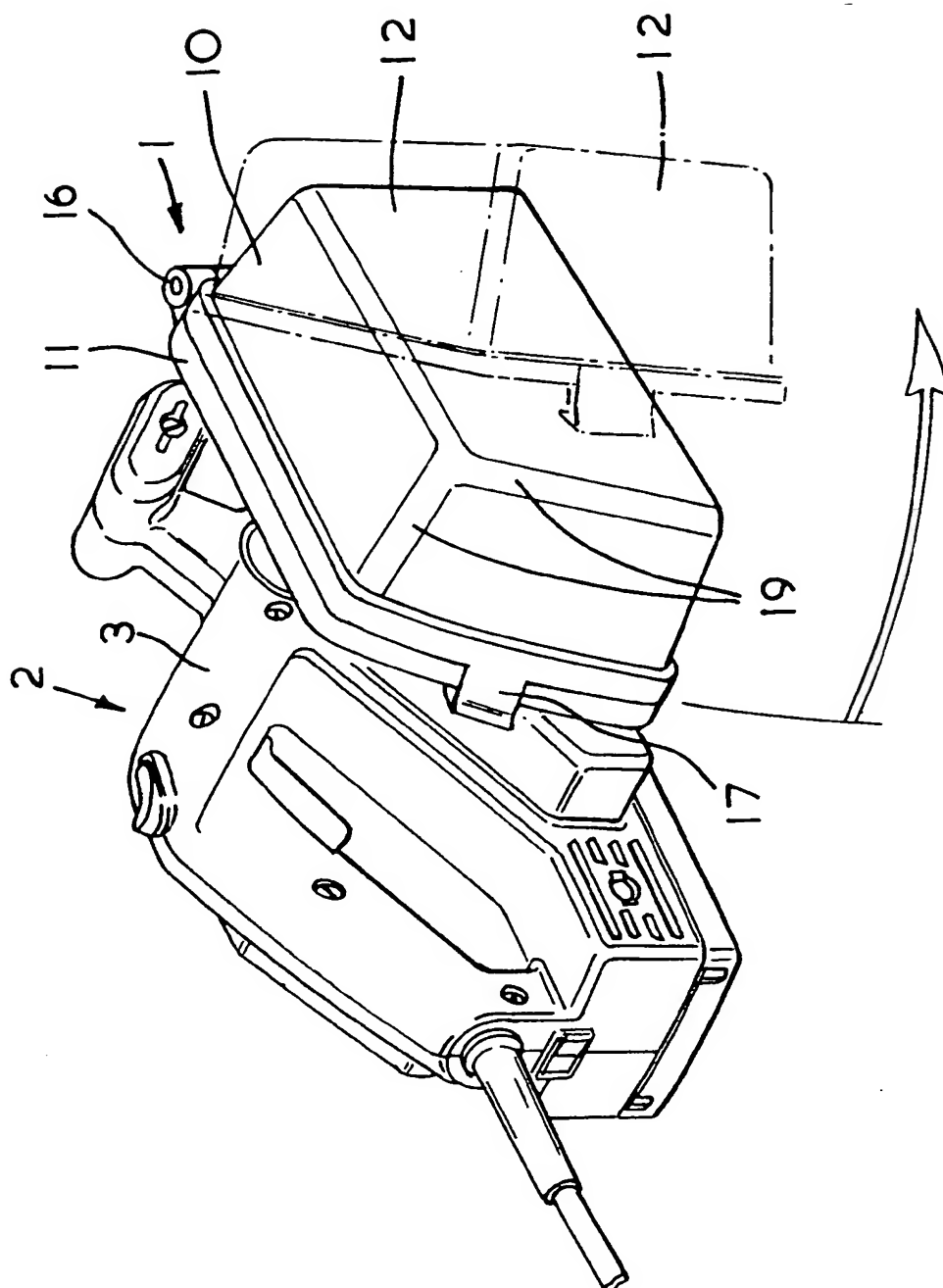


FIG. 2